



LEGEND

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

GRID COORDINATES

GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE (2113), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING.

THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY JAMES BYRNE, CHIEF, ABOARD THE USACOE SURVEY VESSEL WHEELER

AUTOMATED EQUIPMENT USED

POSITIONING: TSS POS-MW
DATA PROCESSOR: DELL 330 PC
HYPERACK
PLOTTER: ENCAD CABJET 2
SONIC SOUNDERS: RESON SUDABT 8125

NOTES:

- GAGES USED WERE OBTAINED BY AVERAGING DATA FROM NOAA GAGES AT FERNI POINT PLANT AND GIBRALTER (2R MI). DATA WAS OBTAINED ELECTRONICALLY VIA THE INTERNET.
- POSITIONS WERE DETERMINED BY GPS. REFERENCE BEACON B3R, LOCATED AT FORT WAYNE DETROIT, MICHIGAN - FREQUENCY 319 KHZ, 200 BPS.
- DEPTH MEASURED USING ECHOSOUND B125 ULTRA HIGH RESOLUTION FOCUSED MULTI-BEAM SEABED SURVEY SYSTEM AND THE ODOM DIGIBAR PRO DB1200 VELOCITY PROFILER.
- EDITED MULTIBEAM SOUNDINGS WERE SORTED INTO A 37 FT. BY 15 FT. MATRIX. THE AVERAGE OF ALL SOUNDINGS LOCATED IN EACH MATRIX CELL WAS THEN SELECTED FOR PLOTTING AT THE CELL CENTER.

U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
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